Sergio Garcia-Garcia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8309218/publications.pdf

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30	235	1040056	1125743
papers	citations	9 h-index	13 g-index

38	38	38	317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Meningioma Consistency Can Be Defined by Combining the Radiomic Features of Magnetic Resonance Imaging and Ultrasound Elastography. A Pilot Study Using Machine Learning Classifiers. World Neurosurgery, 2021, 146, e1147-e1159.	1.3	24
2	Anterior clinoidectomy using an extradural and intradural 2-step hybrid technique. Journal of Neurosurgery, 2018, 130, 238-247.	1.6	18
3	Double hemispheric Microdialysis study in poor-grade SAH patients. Scientific Reports, 2020, 10, 7466.	3.3	18
4	Does Low-Field Intraoperative Magnetic Resonance Improve the Results of Endoscopic Pituitary Surgery? Experience of the Implementation of a New Device in a Referral Center. World Neurosurgery, 2017, 102, 102-110.	1.3	16
5	Comparison of Intraoperative Ultrasound B-Mode and Strain Elastography for the Differentiation of Glioblastomas From Solitary Brain Metastases. An Automated Deep Learning Approach for Image Analysis. Frontiers in Oncology, 2020, 10, 590756.	2.8	16
6	Deep learning automated pathology in ex vivo microscopy. Biomedical Optics Express, 2021, 12, 3103.	2.9	14
7	Quantitative versus qualitative blood amount assessment as a predictor for shunt-dependent hydrocephalus following aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2019, 131, 1743-1750.	1.6	11
8	Predicting Short-Term Survival after Gross Total or Near Total Resection in Glioblastomas by Machine Learning-Based Radiomic Analysis of Preoperative MRI. Cancers, 2021, 13, 5047.	3.7	11
9	Contralateral Transfalcine Versus Ipsilateral Anterior Interhemispheric Approach for Midline Arteriovenous Malformations: Surgical and Anatomical Assessment. World Neurosurgery, 2018, 119, e1041-e1051.	1.3	10
10	Combined Use of 5-Aminolevulinic Acid and Intraoperative Low-Field Magnetic Resonance Imaging in High-Grade Glioma Surgery. World Neurosurgery, 2019, 130, e206-e212.	1.3	8
11	Cost-Effectiveness of Low-Field Intraoperative Magnetic Resonance in Glioma Surgery. Frontiers in Oncology, 2020, 10, 586679.	2.8	8
12	Letter: Hemorrhagic Conditions Affecting the Central Nervous System in COVID-19 Patients. Neurosurgery, 2020, 87, E394-E396.	1.1	8
13	Multinodular and vacuolating neuronal tumor associated with focal cortical dysplasia in a child with refractory epilepsy: a case report and brief review of literature. Child's Nervous System, 2020, 36, 1557-1561.	1.1	8
14	Assessment of White Matter Transgression During Neuroendoscopic Procedures Using Diffusion Tensor Image Fiber Tracking. World Neurosurgery, 2017, 99, 232-240.	1.3	7
15	Is There a Relationship between the Elasticity of Brain Tumors, Changes in Diffusion Tensor Imaging, and Histological Findings? A Pilot Study Using Intraoperative Ultrasound Elastography. Brain Sciences, 2021, 11, 271.	2.3	7
16	Advantages and Limitations of Intraoperative Ultrasound Strain Elastography Applied in Brain Tumor Surgery: A Single-Center Experience. Operative Neurosurgery, 2022, 22, 305-314.	0.8	7
17	Safety and Feasibility Assessment of the O-Arm as an Intraoperative Angiography Device in Aneurysm Surgery. World Neurosurgery, 2019, 127, e1159-e1165.	1.3	6
18	CirugÃa endoscÃ³pica endonasal extendida para cordomas y condrosarcomas de clivus: nuestra experiencia en 14 casos. Neurocirugia, 2018, 29, 201-208.	0.4	4

#	Article	IF	Citations
19	Facial Nerve Preservation for Supraorbital Approaches: Anatomical Mapping Based on Consistent Landmarks. Operative Neurosurgery, 2020, 18, 52-59.	0.8	4
20	Acute changes in diffusion tensor-derived metrics and its correlation with the motor outcome in gliomas adjacent to the corticospinal tract. , 2021, 12, 51.		4
21	Relationship between the overall survival in glioblastomas and the radiomic features of intraoperative ultrasound: a feasibility study. Journal of Ultrasound, 2021, , 1.	1.3	4
22	Low field intra-operative magnetic resonance imaging for brain tumour surgery: Preliminary experience. NeurocirugÃa (English Edition), 2017, 28, 103-110.	0.2	1
23	Intraoperative magnetic resonance imaging for cerebral cavernous malformations: When is it maybe worth it?. Journal of Clinical Neuroscience, 2021, 89, 85-90.	1.5	1
24	Management in chordoid glioma: Avoiding the pitfalls in this rare and challenging entity. Neurology India, 2017, 65, 808.	0.4	1
25	Presurgical simulation for neuroendoscopic procedures: Virtual study of the integrity of neurological pathways using diffusion tensor imaging tractography. Neurology India, 2019, 67, 763-769.	0.4	1
26	Presurgical simulation for neuroendoscopic procedures: Virtual study of the integrity of neurological pathways using diffusion tensor imaging tractography. Neurology India, 2019, 67, 763.	0.4	1
27	Brain dural arteriovenous fistulas in the COVID-19 Era: A warning and rationale for association. Clinical Neurology and Neurosurgery, 2022, 220, 107367.	1.4	1
28	Letter to the editor regarding â€œThe trans-laminar terminalis approach reduces mortalities associated with chordoid glioma resections: A case report and a review of 20â€¯years of literatureâ€• Journal of Clinical Neuroscience, 2018, 52, 166.	1.5	0
29	Letter to the Editor Regarding â€œContralateral, Transfalcine Approach to Mesial Frontoparietal Region and Cingulate Gyrus: Cadaveric Feasibility Studyâ€• World Neurosurgery, 2019, 130, 573.	1.3	0
30	Letter to the Editor. Invasive neuromonitoring for poor-grade SAH. Journal of Neurosurgery, 2021, 134, 1679-1680.	1.6	0